



### CSH251-HH

Operating Point	180 GPM (US) @ 80' TDH			
Mainstream Flowrate	144			
Sidestream Flowrate	36			
Separator - Size & Style	CS-2.5T-THD, Carbon Steel, Powder Coated			
Frame Construction	Carbon Steel (Welded), Powder Coated			
Pipe Assy - Construction	Carbon Steel (Welded), Powder Coated			

#### ELECTRICAL - Motor & System

Horsepower (HP)	7.5			
Power - Volts / Hz	460/60	575/60	230/60	208/60
RPM	3500	3500	3500	3500
Motor Amperage	11	9	22	24.2
System Total Amperage	13	11	24	26.2

#### PUMP

Installation	Flooded Suction Required			
Case Material	Cast Iron			
Impeller Material	Cast Iron			
Mechanical Seal	Buna - Carbon / Ceramic			

#### BASKET STRAINER (Optional)

Body Construction	Cast Iron			
Strainer Mesh	Stainless Steel with 1/4" perforations			
Connection - Type & Size	Female NPT 2"			

#### CONTROL PANEL (UL Listed & Labeled. Manufactured to UL 508A)

Enclosure (UL listed & CSA approved)	NEMA 4 (STD) - Carbon Steel, Powder Coated NEMA 4X (Optional) - 304			
Electrical Components (UL listed & CSA approved)	Thermal Overload Starter, HOA, XFMR, "RUN" Light, Door Disconnect, Contactor, Purge Timer			

#### PROCESS INLET

Connection - Type & Size	NPT 2" - Union Ball Valve			
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#### PROCESS OUTLET

Connection - Type & Size	NPT 2.5" - Gate Valve			
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#### PURGE - MBV(Motorized Ball Valve) & RT (Recovery Tank)

Actuator Motor	24-240V AC/DC			
MBV Connection Type	Female NPT 1"			
RT Size	RT-1			
RT Connection Type	RTM-10			

#### PRESSURE - Maximum Operating

Pump Inlet	100 psi (6.9 bar)			
Vessel	150 psi (10.3 bar)			

#### TEMPERATURE - Maximum Operating

System	34°F - 122°F (1°C - 50°C)			
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WEIGHTS	DRY	SHIPPING	OPERATING
lbs (kg)	463(210)	573(260)	545(247)

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	REV: <b>A</b>

\*UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES